

IN THE CLAIMS

1. (currently amended) A sterile calcium free low bicarbonate dialysis concentrate composition for continuous renal replacement therapy for use in the preparation of a dialysis solution comprising sodium chloride (NaCl), magnesium chloride (MgCl₂), and a concentration of ~~bicarbonate~~ sodium bicarbonate (NaHCO₃) sufficiently low so as to allow preparation of a sterile dialysis solution for continuous renal replacement therapy having a bicarbonate concentration of ~~5-30~~27.5 mmol/l.

Claims 2-8 (withdrawn)

9. (previously presented) A sterile dialysis solution comprising the concentrate as claimed in claim 1 and a physiologically acceptable diluent.

10. (currently amended) A The sterile dialysis solution according to claim 9 comprising Na 140±14 mmol/l, Mg 0.75±0.07 mmol/l, Cl 116.5 ± 11 mmol/l, and HCO₃ 25.0 ± 2.5 mmol/l.

Claims 11-13 (withdrawn)

14. (currently amended) A sterile calcium free low bicarbonate concentrate containing magnesium, sodium, chloride, and a concentration of bicarbonate sufficiently low so as to minimize the risk of metabolic complications in a patient, and for continuous renal replacement therapies such as dialysis and hemofiltration, wherein the bicarbonate level in the resulting dialysis solution is within the range of about ~~5-30~~27.5 mmol/litre.

Claims 15-16 (withdrawn)

17. (currently amended) A sterile calcium free dialysis concentrate, for use in the preparation of a dialysis solution for continuous renal replacement therapy, and having a bicarbonate level sufficiently low so as to minimize the risk of metabolic complications in a patient and comprising sodium chloride, magnesium chloride, and sodium bicarbonate at a concentration in the dialysis solution within the range of about ~~5-30~~27.5 mmol/litre.

18. (currently amended) A calcium free low bicarbonate sterile dialysis concentrate composition for use in the preparation of a sterile dialysis solution for continuous renal replacement therapy comprising sodium chloride, magnesium chloride and a concentration of sodium bicarbonate (NaHCO_3) sufficiently low so as to allow preparation of a sterile dialysis solution having a bicarbonate concentration of 5-~~30~~27.5 mmol/l.

19. (currently amended) A calcium free low bicarbonate sterile dialysis solution composition for continuous renal replacement therapy comprising sodium chloride, magnesium chloride and sodium bicarbonate (NaHCO_3) in the range of 5 to ~~30~~27.5 mmol/l.

20. (cancel)

21. (currently amended) ~~A~~ The composition according to Claim 19 wherein the sodium bicarbonate is 25 mmol/l \pm 2.5 mmol/l.

22. (cancel)

23. (cancel)